As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

(if plural inventors are named b invention entitled:		vhich is claimed and for v E VEHICLE HEAT EXCHA	vhich a paten	t is sought on the
the specification of which:				
🗆 is attached hereto. 🛛 🖾 v	was filed on	October 28, 2003		
	s Application Serial No. 1 nd was amended on	0/695,373		
	nd was amended on	(if applicable)		
ing the claims, as amended by a to be the original and first inve hereby acknowledge the duty (reprinted on the back) of Title	entor(s) of the subject matter to disclose information whice 37 of the Code of Federal Re at no patent applications on	ferred to above, and that which is claimed and for h is material to patentabegulations.	I believe the r which a pate pility in accord	named inventor(s) ent is sought, and dance with §1.56
To eight to the Officea States of	America, except as follows.	•		
COUNTRY	APPLICATION NUMBER	DATE FILED (day, month, year)		CLAIMED UNDER U.S.C. 119
Germany	DE 102 50 334.6	29 October 2002	yes X	no
			yes	no
			yes	no
I hereby claim the ben below and, insofar as the subject States application in the manne the duty to disclose material in between the filing date of the	er provided by the first paragrants	ms of this application is n aph of Title 35, United St 37, Code of Federal Reg	ot disclosed i ates Code §1 ulations, §1.5	in the prior United 12,I acknowledge 56 which occurred
(Application Serial No.)	(Filing Date)	(Status:	patented, per	nding, abandoned
(Application Serial No.)	(Filing Date)	(Status:	patented, per	nding, abandoned
I hereby appoint Jeff Geimer (Reg. No. 28,846), A McLaughlin (Reg. No. 32,273 Odell (Reg. No. 28,332), Richa to practice before the United), Dean A. Monco (Reg. No. ard S. Phillips (Reg. No. 17,31	4,103), Martin L. Katz 30,091), John S. Mortim 4) and Joel E. Siegel (Re	(Reg. No. 25 ner (Reg. No. g. No. 25,440	5,011), F. William 30,407), Paul M. D), each registered

Geimer (Reg. No. 28,846), Allen H. Hoover (Reg. No. 24,103), Martin L. Katz (Reg. No. 25,011), F. William McLaughlin (Reg. No. 32,273), Dean A. Monco (Reg. No. 30,091), John S. Mortimer (Reg. No. 30,407), Paul M. Odell (Reg. No. 28,332), Richard S. Phillips (Reg. No. 17,314) and Joel E. Siegel (Reg. No. 25,440), each registered to practice before the United States Patent and Trademark Office and practicing as the firm of WOOD, PHILLIPS, KATZ, CLARK & MORTIMER, 500 WEST MADISON STREET, SUITE 3800, CHICAGO, ILLINOIS 60661 (Telephone 312-876-1800), and Wm. A. VanSanten (Reg. No. 22,810), my attorneys with full power of substitution and revocation, to prosecute this application, to make alterations or amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the firm. All telephone inquiries may be directed to:

JEFFREY L. CLARK

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section

§1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by § § 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (I) Opposing an argument of unpatentability relied on by the Office,

or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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